



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/924,055	08/08/2001	Kenji Morita	041465-5115	6163

9629 7590 06/17/2004

MORGAN LEWIS & BOCKIUS LLP  
1111 PENNSYLVANIA AVENUE NW  
WASHINGTON, DC 20004

EXAMINER

NATNAEL, PAULO S M

ART UNIT	PAPER NUMBER
----------	--------------

2614

DATE MAILED: 06/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/924,055

Applicant(s)

MORITA ET AL.

Examiner

Paulos M. Natnael

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims **1-9** are rejected under 35 U.S.C. 102(e) as being anticipated by Iijima et al., U.S. Patent No. **5,742,358**.

Considering claim **1**, a display control apparatus comprising:

a) an opening device for placing a display device received in a receiving device in an active state thereof, **is met by the opening or groove where the screen 105 (fig.12) is made to move or slide up or down, as illustrated in Figs. 4-6.**

b) a detection device for detecting whether or not the display device is placed in the active state, is met by the **Built-in Screen Position Detecting Sensor 8, fig.1;**

c) an output device for, when it is detected that the display device has been placed in the active state, outputting a video signal to be displayed on the display device to the display device so that the display to device starts to display video based on the video signal, **is met by Image Projecting Means 4, Fig.1;**

Considering claim 2, a display control apparatus comprising:

- a) a display device capable of being in an active state to display video, is met by built-in Screen (First Image Forming means) 5, fig.1;
- b) a detection device for detecting whether or not display of the video is completed for all video, is met by the **Built-in Screen Position Detecting sensor 8**, fig.1;
- c) a receiving control device for placing the display device in the active state in a receiving device when it is detected that the display of all the video has been completed, is met by **Control means 2**, Fig.1;

Considering claim 3, the display control apparatus of claim 1 or 2, wherein the active state is a state at which the display device is placed so that the video displayed on the display device is visible, is met by the disclosure that "When the position detector determines that the built-in screen is in an image projection pass, the focus of the image projector is adjusted on the built-in screen and the image projector projects the image onto the built-in screen." (See Abstract)

Considering claim 4, A display control method comprising the steps of: placing a display device received in a receiving device in an active state thereof; detecting whether or not the display device is placed in the active state; and outputting, when it is detected that

Art Unit: 2614

the display device has been placed in the active state, a video signal to be displayed on the display device to the display device so that the display device starts to display video based on the video signal.

Claim 4 is a method claim of claim 1 and as such claim 4 is rejected for the same reasons as in claim 1.

Considering claim 5, a display control method comprising the steps of: detecting whether or not display of all video has been completed by display device under an active state; and controllably receiving the display device in a receiving device so as to be placed in an inactive state from the active state, when it is detected that the display of all video has been completed.

Claim 5 is a method claim of claim 2 and as such claim 5 is rejected for the same reasons as in claim 2.

Considering claim 6, the display control method of claim 4 or 5, wherein the active state is a state at which the display device is placed so that the video displayed on the display device is visible;

See rejection of claim 3;

Considering claim 7, an information recording medium in which a display control program is recorded readable by a computer included in a display control apparatus, the display control program causing the computer to serve as:

Art Unit: 2614

- a) an opening device for placing a display device received in a receiving device in an active state;
- b) a detection device for detecting whether or not the display device is placed in the active state; and
- c) an output device for, when it is detected that the display device has been placed in the active state, outputting a video signal to be displayed on the display device to the display device so that the display device starts to display video based on the video signal.

Regarding claim 7, see rejection of claim 1.

Considering claim 8, an information recording medium in which a display control program is recorded readably by a computer included in a display control apparatus, the display control program causing the computer to serve as:

- a) a detection device for detecting whether or not display of all video has been completed by a display device to display the video under an active state; and
- b) a receiving control device for controllably receiving the display device in a receiving device so as to be placed in an inactive state from the active state, when it is detected that the display of all video has been completed.

Regarding claim 8, see rejection of claim 2.

Considering claim 9, the information recording medium of claim 7 or 8, wherein

Art Unit: 2614

the active state is a state at which the display device is placed so that the video displayed on the display device is visible.

See rejection of claim 3;

### ***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

**Rosen**, U.S. Patent No. 6,124,902 discloses an automotive display unit.

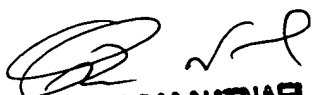
Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Paulos M. Natnael** whose telephone number is (703) 305-0019. The examiner can normally be reached on 9:00am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (703) 305-4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2614

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PMN *PMN*  
June 11, 2004

  
**PAULO M. NATNAEL**  
**PATENT EXAMINER**